

CLAIM AMENDMENTS

1           1.       (Original) A sand screen for use in production of hydrocarbons from wells,  
2       comprising an intelligent completions device disposed in the sand screen.

1           2.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a sensor.

1           3.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a temperature sensor.

B1 1           4.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a pressure sensor.

1           5.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a flow rate measurement device.

1           6.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a oil/water/gas ratio measurement device.

1           7.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a scale detector.

1           8.       (Original) The sand screen of claim 1, wherein the intelligent completions device  
2       comprises a sand detection device.

1           9.     (Original) A gravel pack system, comprising:  
2                 a sand screen; and  
3                 an intelligent completions device disposed within the sand screen.

1           10.    (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2 device comprises a sensor.

1           11.    (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2 device comprises a temperature sensor.

B 1           12.    (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2 device comprises a pressure sensor.

1           13.    (Original) The gravel pack system of claim 9, wherein the intelligent completions  
2 device is selected from a flow rate measurement device, an oil/water/gas ratio measurement  
3 device, a scale detector, and a sand detection device.

1           14.    (Currently Amended) A The gravel pack system of claim 9, further comprising:  
2                 a sand screen;  
3                 an intelligent completions device disposed within the sand screen; and  
4                 a fiber optic cable.

1           15.    (Original) The gravel pack system of claim 9, further comprising a control line  
2 connected to the intelligent completions device.

1           16.    (Original) The gravel pack system of claim 15, wherein the control line is selected  
2 from an electric line and a fiber optic line.

1           17.   (Original) The gravel pack system of claim 9, further comprising a control line  
2 extending from the surface to the intelligent completions device.

1           18.   (Original) A method for placing a gravel pack around a completion, comprising:  
2 gathering data from an intelligent completions device disposed in a sand screen of  
3 the completion; and  
4 flowing a gravel slurry into the assembly wherein a gravel is deposited between  
5 the sand screen and a formation.

B1 1           19.   (Original) The method of claim 18, wherein the intelligent completions device is a  
2 sensor.

1           20.   (Original) A method of monitoring a well characteristic of a well, comprising:  
2 running a control line to an intelligent completions device disposed in a sand  
3 screen;  
4 running the sand screen into the well; and  
5 sending a signal through the control line.

1           21.   (Original) The method of claim 20, wherein the intelligent completions device is a  
2 sensor.

1           22.   (Cancelled)

1           23.   (Cancelled)

1           24.   (Original) A method for gravel packing a well, comprising:  
2                   running a sand screen into a particular length of the well;  
3                   extending a fiber optic line into the particular length of the well; and  
4                   gravel packing the well.

1           25.   (Original) The method of claim 24, further comprising performing the running  
2   step at substantially the same time as the extending step.

1           26.   (Original) The method of claim 24, further comprising performing the running  
2   step before the extending step.

B1 1           27.   (Previously Presented) A well completion, comprising:  
2                   a sand screen;  
3                   an intelligent device disposed within the sand screen; and  
4                   a service string adapted to perform sand-control pumping and circulation  
5   operations.

1           28.   (Previously Presented) The gravel pack system of claim 9, further comprising an  
2   assembly to perform a gravel pack operation.

1           29.   (Previously Presented) The method of claim 20, further comprising performing  
2   sand-control pumping and circulation operations.

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